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ANNUAL REPORT

TO THE

HUNTINGDON RURAL DISTRICT COUNCIL

FOR

1951

MINISTRY OF HEALTH LIBRARY

BY

J. R. GARROOD
M.D., D.P.H.

Medical Officer of Health to the Huntingdon Rural District Council

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PUBLIC HEALTH OFFICERS OF THE HUNTINGDON RURAL DISTRICT COUNCIL.

Part-time Medical Officer: J. R. GARROOD, M.D., D.P.H.

Sanitary Inspector: B. R. DIXON, M.S.I.A.

Part-time Analytical Chemist: SOLOMON GREENBURGH, ESQ., *and The Public Health Laboratory Service*

Pathologist: DR. HARVEY *and Public Health Laboratory Service*

To the

Huntingdon Rural District Council.

Alconbury Hill.

Gentlemen,

I beg to submit my Annual Report for the year 1951.

I am,

Your obedient Servant,

J. R. GARROOD.

REPORT

ON THE

HUNTINGDON RURAL DISTRICT FOR 1951

STATISTICS AND SOCIAL CONDITIONS OF THE AREA.

Fewer **Houses** have been finished than in 1950 but more have been built by private persons, the total however is less. The Council owns or is responsible for 555 dwellings and more houses are proposed at Alconbury Weston, Brampton, Ellington, Kings Ripton, Stukeley and Upwood.

Water Supplies. Corrosion of water pipes is still all too frequent with consequent inconvenience to consumers but it is hoped that by control of pressures this may be at least delayed. Cement asbestos pipes are generally used for replacement.

There has been no trouble from Plumbo-solvent action nor from Aerodrome effluents. 1952 should show the whole district supplied with piped water.

The second pumping station is not yet in action.

Sewerage schemes for Brampton and Sawtry are in preparation, the Alconbury and Alconbury Weston scheme is practically complete. Night soil collection is still a troublesome service and its disposal even more so.

Infectious Disease of the more serious kind has been light and Diphtheria immunisation, carried out by the County Council, is fairly good. It is most important that all children should be immunised for in 1901 there were 10,000 deaths due to the disease while in 1951 there were only 32. These figures speak for themselves, they also tell us there is no room for contentment until all children are immunised and perhaps Diphtheria stamped out.

Food. Catering establishments, school kitchens and dining rooms are inspected and efforts made to preach "Clean food", but on the whole the facts and problems are pretty well understood by those concerned.

No cases of removal of suitable persons in need of care and attention under Section 47 of the National Assistance Act 1948 have been recommended. This matter involves the personal liberty of the subject and cannot be carried out just because some neighbour feels a little disagreeable responsibility.

Water supplies to Little and Steeple Gidding are to be provided.

A Civil Defence Committee has been set up and Mr. Dixon is the C.D. Officer.

Estimated Home Population 10,350

Live Births

Total—Male, 97; Female, 88.

Legitimate—Male, 90; Female, 83.

Illegitimate—Male, 7; Female, 5.

Birth Rate per 1,000 total population, 17.8. England and Wales, 15.5.

Still Births

Total—Male, 5; Female, 1.

Legitimate—Male, 4; Female, 1.

Illegitimate—Male, 1; Female, 0.

Rate per 1,000 total births, 32.4.

Deaths—Civilians

All causes—Male, 58; Female, 48. Total 106.

Death rate per 1,000 population, 10.2. England and Wales, 12.5.

Death rate from Puerperal causes, 0.

Deaths of Infants under one year of age—
Total—Male, 1; Female, 2.

Legitimate—Male, 1; Female, 2.

Illegitimate—Male, 0; Female, 0.

Death rate of Infants under one year of age—

All Infants per 1,000 live births	16.2
This compares with England and Wales	29.6
Legitimate Infants per 1,000 legitimate live births	43.8
Illegitimate Infants per 1,000 illegitimate live births	Nil

Deaths of Infants under 4 weeks of age, 0.

Causes of Death—	M.	F.
Tuberculosis, respiratory	2	1
Malignant Neoplasm, Stomach	0	1
Malignant Neoplasm, Lung, Bronchus	2	0
Malignant Neoplasm, Breast	0	4
Other Malignant and Lymphatic Neoplasms ...	3	4
Vascular Lesions of Nervous System	11	11
Coronary Disease, Angina	7	0
Hypertension with Heart Disease	1	0
Other Heart Disease	10	6
Other Circulatory Disease	1	3
Influenza	4	0
Pneumonia	1	1
Bronchitis	2	3
Other Diseases of Respiratory System	2	1
Ulcer of Stomach and Duodenum	1	1
Nephritis and Nephrosis	0	4
Other Defined and Ill-defined Diseases	6	4
Motor Vehicle Accidents	4	0
All Other Accidents	1	3
Suicide	0	1
All Causes	58	48

SANITARY TABLES.

SEWERS.

Developments.

(*a*) Prior to this year
(*b*) During the year

Main sewerage for Alconbury and Alconbury Weston in progress and is practically complete.

CLOSETS.

No. of houses at the end of the year with W.Cs.	1,191
No. of houses at the end of the year with pail closets ...	1,552
No. of W.C.s constructed during year for new houses ...	35
No. of W.Cs. newly constructed for old property	3
No. of dustbins substituted for ashpits	12

SCAVENGING.

No. of houses in district	2,589
No. of houses with dustbins	1,429
No. of Notices sent requiring provision of bins	22
No. of new bins provided	47

Details of Collection.

Frequency—Night soil	Weekly
Dry refuse	Fortnightly
Transport and No. of men	2 Vehicles, 6 Men

Whole area is covered.

Particulars of service(s)—
Unburnable refuse collection and night soil collection.

Details of disposal arrangements—
Controlled tipping. Night soil to land.

Development required—
None.

Complaints received re non-removal	51
No. of bins emptied	1,429
No. of pail closets emptied	1,552

DRAINS.

New drains tested	72
Existing drains inspected	162
Existing drains repaired or reconstructed	63

DISPOSAL WORKS.

Existing	5

CESSPOOLS.

No. of new cesspools provided	14

SHOPS AND OFFICES.

No. of shops inspected	26
Total number of visits	52

CAMPING SITES.

No. of Licences in force	1
Estimated maximum number of campers resident in area at any one time during summer	16
No. of inspections	6

DISINFESTATION.

Bed Bugs.

No. of houses infested—	
(*a*) Council	2
(*b*) Private	3
No. of houses disinfested—	
(*a*) Council	2
(*b*) Private	3
Methods employed	Insecticide

PREVENTION OF DAMAGE BY PESTS ACT, 1949

During the year Mr. P. Green was appointed Pests Officer/Operator and commenced his duties in March.

Total No. of properties inspected	Total No. of major rat infestations found	Total No. of minor rat infestations found	No. of mice infestations found	No. of infested properties treated	No. of notices served under section 4
1,487	8	161	Nil	119	1

DISINFECTION.

Cases of Infectious Disease reported	139
No. of inspections	6
Rooms disinfected—	
(*a*) Tuberculosis	1
(*b*) Others	5

FACTORIES AND WORKSHOPS.

Bakehouses.

No. registered	9
No. of inspections	17
General conditions	Fair

NUISANCES.

Abated as a result of informal action	212
Abated as a result of Statutory action	Nil

Analysis.

	No.	*No. of Inspections*
Premises	99	197
Overcrowding	23	22
Accumulation of Refuse	3	5
Foul ditches, etc.	15	41
Drains	63	97
Disinfestation	5	5

MEAT AND OTHER FOODS.

No. of slaughter Houses on register	7
No. of inspections re condition	21
No. of visits for the inspection of meat—Shops	7

FOOD POISONING.

There were no outbreaks.

Byelaws relating to Handling, Wrapping and Delivery of Food and Sale of Food in the Open Air were adopted.

FACTORIES ACTS, 1937 & 1948.

Factories in which Sections 1, 2, 3, 4 *and* 6 *are to be enforced by Local Authorities.*

Number on Register	25
Inspections	36
Written notices	Nil

Want of Cleanliness.

Found	Nil
Remedied	Nil

Sanitary Conveniences unsuitable or defective.

Found	1
Remedied	1

HOUSING STATISTICS.

	Local Authority	*Private Enterprise*
No. of new houses erected in 1951	22	7
New dwellings provided by adaptation	3	3

Inspection of dwelling houses during the year.

(1) (*a*) Total number of dwelling houses inspected for housing defects (under Public Health or Housing Acts)	382
(*b*) No. of inspections made for the purpose	401
(2) (*a*) No. of dwelling houses (included under subhead (1) above) which were inspected and recorded under the Housing Consolidated Regulations, 1925 and 1932	677
(*b*) No. of inspections made for the purpose	677
(3) No. of dwelling houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation	35
(4) No. of dwelling houses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation	162

Remedy of Defects during the Year without Service of Formal Notices.

No. of defective dwelling houses rendered fit in consequence of informal action by the Local Authority or their officers	71

Action under Statutory Powers during the year.

Proceedings under Public Health Acts:—

(1) No. of dwelling houses in respect of which notices were served requiring defects to be remedied	0
(2) No. of dwelling houses in which defects were remedied after service of formal notices:—	
By Owners	0

Housing Act, 1936. *Part IV. Overcrowding.*

A.—(1) No. of dwellings overcrowded at the end of the year 27
(2) No. of families dwelling therein 27
(3) No. of persons dwelling therein 149

B.—No. of new cases of overcrowding reported during the year 0

C.—(1) No. of cases of overcrowding relieved during the year 1
(2) No. of persons concerned in such cases 9

D.—Any other particulars with respect to overcrowding conditions upon which the Medical Officer of Health may consider it desirable to report ... Nil

Parlour type houses can make a four-bedroomed house, non-parlour.

NEW HOUSES OCCUPIED DURING 1951.

Parish	Address	New Houses By		By Adaptation		Total
		L.A.	P.E.	L.A.	P.E.	
Abbots Ripton	Moat Lane ...	4				4
Alconbury ...	Globe Lane ...	2				2
Alconbury ...	School Lane ...	2				2
Alconbury ...	Weybridge Farm				1	1
Brampton ...	Mandeville Road	2				2
Brampton ...	Huntingdon Road		1			1
Brampton ...	Thrapston Road		1			1
Conington ...	Lark Site ...			1		1
Sawtry ...	Green End ...	4				4
Sawtry ...	Slough Lane ...			2*		2
Sawtry ...	Fen Lane ...		1			1
Great Stukeley	Stukeley Hall ...				2	2
Great Stukeley	Church End ...		1			1
Great Stukeley	Stukeley Hill ...	4*				4
Upwood ...	Upwood Road ...		1			1
Upwood ...	Ailwine Road ...	4				4
Great Raveley	Woodwalton Road		2			2
		22	7	3	3	35

* Hunts. County Council.

REPORT on WATER SUPPLY for the HUNTINGDON RURAL DISTRICT for the Year 1951.

Name of Town Village or Parish	Source of Supply:— Public Supply, Wells, etc.	Sufficiency or Otherwise	Quality of Water	Analyses of Individual Supplies Satisfactory, Unsatisfactory or none	Estimated No. of Dwellings supplied			Estimated Population supplied		
					Direct from Main Supply	By Stand-pipes	By public or private wells	Direct from Main Supply	By Stand-pipes	By public or private wells
Abbots Ripton	Public Supply	Yes	Sat.	Satisfactory	111	—		388		4
Alconbury ...	,, ,,	,,	,,	,,	209	—		731		—
Alconbury Weston	,, ,,	,,	,,	,,	77	—		269		34
Barham & Woolley	Wells	No	Poor	None	—	—	27			75
Brampton ...	Public Supply	Yes	Sat.	Satisfactory	325			1,037		177
Brington & ... Molesworth	Springs & Wells	No	Poor	None	15	—	83	90		115
Bythorn & Keyston	Wells	Yes	,,	,,	—	—	93	—		280
Buckworth ...	,, ...	No	,,	,,	5	—	41	15		132
Conington ...	Public Supply	Yes	Sat.	Satisfactory	69	—		341		123
Easton	,, ,,	,,	,,	,,	25	—		87		19
Ellington ...	,, ,,	,,	,,	,,	63	—		220		40
Great Gidding	,, ,,	,,	,,	,,	74	—		231		25
Great Raveley ...	,, ,,	,,	,,	,,	See Upwood					
Great Stukeley	,, ,,	,,	,,	,,	See Little Stukeley					
Hamerton ...	,, ,,	,,	,,	,,	35	—		122		20
Kings Ripton ...	,, ,,	,,	,,	,,	34	—		119		—
Leighton ...	Wells	No	Poor	None	—	—	78			218
Little Gidding ...	Well	,,	,,	,,	—	—	10			38
Little Raveley ...	Public Supply	Yes	Sat.	Satisfactory	See Upwood					
Little Stukeley	,, ,,	,,	,,	,,	184	—		644		
Old Weston ...	Wells ...	No	Poor	None	—	—	59			117
Sawtry	Public Supply	Yes	Sat.	Satisfactory	328	—		1,148		
Spaldwick ...	,, ,,	,,	,,	,,	82	—		287		39
Steeple Gidding	Private Supplies	No	Poor	None	—	—	17			54
Upton & Coppingford	Public Supply	Yes	Sat.	Satisfactory	40	—		140		—
Upwood ...	,, ,,	,,	,,	,,	144	—		504		45
Winwick ...	,, ,,	,,	,,	,,	37	—		108		43
Woodwalton ...	,, ,,	,,	,,	,,	57	—		199		190

Main Piped Supplies.

	Source of Supply.	*Parishes Supplied.*
A.	Houghton Well	Abbots Ripton, Alconbury, Alconbury Weston, Buckworth (Part), Coppingford, King's Ripton, The Stukeleys, Upton, Upwood, The Raveleys, Sawtry, Woodwalton and Conington.
B.	R.A.F.Well, Brampton	Brampton, Easton, Ellington and Spaldwick.
C.	Oundle and Thrapston R.D.C. ...	Great Gidding, Winwick and Hamerton.

Bacteriological Examinations on Treated Water.

Source	*Total No. of Samples*	*No. Satis.*	*No. Unsatis.*
A.	13	13	Nil
B.	13	13	Nil
C.	13	13	Nil

Development Schemes in progress.

Water supply to—

Barham, Brington, Buckworth, Bythorn, Keyston, Leighton, Molesworth and Old Weston.

I recommend that water softening arrangements be made as soon as possible.

HUNTINGDON RURAL DISTRICT COUNCIL.
REGIONAL WATER SCHEME.

Quantities of Water Pumped During 1951.

	Gallons	
	Average daily	*Total*
January	297,000	9,207,000
February	289,607	8,109,000
March	316,839	9,822,000
April	301,533	9,046,000
May	308,290	9,557,000
June	319,166	9,575,000
July	326,709	10,128,000
August	302,258	9,370,000
September	308,300	9,249,000
October	309,967	9,609,000
November	310,133	9,304,000
December	300,967	9,330,000
Total pumped during year		112,306,000

(*a*)	Total quantity pumped	112,306,000	gallons
(*b*)	Average daily consumption	307,687	,,
(*c*)	Bulk supplies to Air Ministry establishments	57,727,000	,,
(*d*)	Bulk supply to St. Ives R.D.C.	9,089,000	,,
(*e*)	Metered supplies to district excluding (*c*) and (*d*)	20,466,000	,,
(*f*)	Balance supplied to district	25,024,000	,,
(*g*)	Average daily consumption in district excluding (*c*), (*d*) and (*e*)	68,559	,,
(*h*)	Average daily consumption per head of estimated population supplied ...	15.7	,,

Consumption at Air Ministry Establishments, 1951.

	March	*June*	*September*	*December*	*Total*
WYTON—					
	7,526,000	8,150,000	9,080,000	8,879,000	33,635,000
UPWOOD—					
	5,955,000	5,899,000	6,003,000	6,235,000	24,092,000
	13,481,000	14,049,000	15,083,000	15,114,000	57,727,000

Rainfall

1947	17.61 inches	1950	25.44 inches
1948	25.34 ,,	1951	27.20 ,,
1949	17.82 ,,		

HUNTINGDON RURAL DISTRICT COUNCIL. Annual Report, 1951—Regional Water Scheme.

Parish	Population Census 1931	No. of houses	No. of houses supplied	No. of Farm supplies	No. of other premises supplied	No. of communi-cation pipes	Estimated population supplied
Abbots Ripton	343	112	111	26	8	81	388
Alconbury	492	230	168	12	5	116	588
Alconbury Weston	276	82	77	15	3	62	269
Buckworth	—	—	5	2	—	1	15
Conington	245	95	69	6	3	43	341
Kings Ripton	117	38	34	8	1	27	119
The Stukeleys	483	193	184	25	11	130	644
Upton and Coppingford	138	41	40	10	2	34	140
Upwood and The Raveleys	535	167	144	21	6	101	504
Sawtry	915	345	328	39	15	207	1,148
Woodwalton	362	82	57	11	2	44	199
	3,906	1,385	1,217	175	56	846	4,355

GREAT GIDDING AND WINWICK SCHEME.

Parish	Population Census 1931	No. of houses	No. of houses supplied	No. of Farm supplies	No. of other premises supplied	No. of communication pipes	Estimated population supplied
Great Gidding	274	84	74	21	4	66	231
Hamerton	121	47	35	9	—	*	122
Winwick	124	43	37	14	1	31	108
	519	174	146	44	5	97	461

* Mains owned by Estate.

BRAMPTON WATER SCHEME.

Parish	Population Census 1931	No. of houses	No. of houses supplied	No. of Farm supplies	No. of other premises supplied	No. of communication pipes	Estimated population supplied
Brampton	1,031	369	325	8	19	256	1,037
Ellington	217	78	63	10	2	55	220
Easton	88	32	25	7	1	24	87
Spaldwick	242	94	82	7	8	70	287
Beverley Hills and South View, Alconbury	—	41	41	—	—	41	143
	1,578	614	536	32	30	446	1,774

Great Gidding, Winwick and Hamerton Water Supply.

SUPPLIED BY OUNDLE AND THRAPSTON R.D.C.

(*a*)	Total quantity supplied	6,378,000 gallons
(*b*)	Average daily consumption	17,474 ,,
(*c*)	Metered supplies in Great Gidding and Winwick ...	2,139,000 ,,
(*d*)	Private supply in bulk to Hamerton	3,159,000 ,,
(*e*)	Consumption in Great Gidding and Winwick excluding (*c*)	1,080,000 ,,
(*f*)	Average daily consumption in Great Gidding and Winwick excluding (*c*)	2,794 ,,
(*g*)	Average daily consumption per head of estimated population supplied in Great Gidding and Winwick	8.2 ,,
(*h*)	Average daily consumption in Hamerton	8,654 ,,
(*i*)	Average daily consumption per head of estimated population supplied in Hamerton (includes all agricultural consumption)	70.9 ,,

Brampton Water Scheme.

SUPPLIED FROM AIR MINISTRY MAIN
FROM BRAMPTON MILL SOURCE.

(*a*)	Total quantity supplied	28,472,000 gallons
(*b*)	Average daily consumption	78,005 ,,
(*c*)	Metered supplies to Air Ministry Establishments ...	14,627,000 ,,
(*d*)	Metered supplies to district excluding (*c*)	3,083,000 ,,
(*e*)	Consumption in district other than metered supplies	10,762,000 ,,
(*f*)	Average daily consumption in district excluding (*c*) and (*d*)	29,485 ,,
(*g*)	Average daily consumption per head of estimated population supplied	16.5 ,,

PREVALENCE AND CONTROL OVER INFECTIOUS DISEASES.

	Cases	Deaths	Cases admitted to Hospital
Scarlet Fever	4	—	3
Diphtheria	—	—	—
Pneumonia	6	—	1
Erysipelas	1	—	1
Whooping Cough	48	—	4
Measles	26	—	1
Chicken Pox	45	—	2
Infective Hepatitis	7	—	1
Poliomyelitis	—	—	—
Dysentery	1	—	1
Puerperal Pyrexia	1	—	—

Diphtheria Immunisation Statistics, 1951.

Number of Children at 31st December, 1951, who had completed a course of Immunisation at any time before that date (i.e., at any time since 1st January, 1937).

Age at 31.12.51 i.e., Born in Year	Under 1 1951	1 1950	2 1949	3 1948	4 1947	5–9 1942–1946	10–14 1937–1941	Total under 15
Number Immunised	3	112	101	110	112	470	424	1,332

Tuberculosis.—The following are the particulars of the new cases of Tuberculosis, and deaths from the disease in the area in 1951.

3 deaths. 2 Males, 1 Female. Pulmonary.

3 new cases. All Females. Aged 29, 30, 34. Pulmonary.